

XP-002102367

1/1 - (C) WPI / DERWENT
AN - 81-78586D 43!
AP - JP800019549 800218
PR - JP800019549 800218
TI - High combustion efficiency fuel compsn. - prepd. by
dispersive addn. of small amt. of methanol and water to
heavy oil
IW - HIGH COMBUST EFFICIENCY FUEL COMPOSITION PREPARATION
DISPERSE ADD AMOUNT METHANOL WATER HEAVY OIL
PA - (HARM) HARIMA KASEI KOGYO KK
- (NICH-N) NIPPON CHEM TECH CONSULT
PN - JP56115395 A 810910 DW8143 002pp
- JP59000547B B 840107 DW8405 000pp
ORD - 1981-09-10
IC - C10L1/18
FS - CPI
DC - H06
AB - J56115395 Fuel compsn. is prepd. by dispersive addn. of
a small amt. of methanol and water to heavy oil. Pref.
heavy oil is petroleum heavy oil, crude oil, asphalt,
asphalt-contg. fuel oil, etc. Pref. methanol is
industrial methanol or methanol contg. higher alcohols.
Surface active agent and electrolyte may be added to
methanol.
- Dispersed fine particles of methanol in heavy oil are
uniformalised and stabilised by addn. of water.
Formation of free carbon (i.e. formation of soot or
coke) and nitrogen oxide at the time of combustion of
heavy oil is restrained, i.e. combustion efficiency of
heavy oil is improved.